CRITERION 7 – INSTITUTIONAL VALUES AND BEST PRACTICES

KEY INDICATOR 7.1 INSTITUTIONAL VALUES AND SOCIAL RESPONSIBILITIES

7.1.4 : Water conservation facilities available in the institutions

NPR COLLEGE OF ENGG. & TECHNOLOGY NATHAM

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Metric No: 7.1.4 Water conservation facilities available in the Institution

1.Rain Water Haresting

NPR College's adoption of a rainwater harvesting system would not only conserve water but also contribute to environmental sustainability, reduce operational costs, and serve as an educational tool to inspire future generations.

Rain Water collecting point at Cricket ground

Rain Water collecting point at near canteen

Rain Water collecting point at near canteen

Water storage point at near canteen

Water storage point at Rear block

Water storage point at Girls Hostel

Water stored for Irrigation use at Garden Main block front side

Water stored for Irrigation use at Garden Main block front side

2.Bore well/Open well Recharge

Bore well and open well recharge is an effective method of replenishing groundwater levels, which can become depleted due to over-extraction or changing climate conditions. By implementing recharge techniques at NPR College, the institution can help address water scarcity, promote sustainable water use, and play an active role in environmental conservation. Here's a detailed look at how bore well and open well recharge can be implemented at NPR College.

Bore well at near Rear block

Open well at near Transport Parking Place

R.O Plant at Rear block

R.O Plant at Rear block

Metric No: 7.1.4 Water conservation facilities available in the Institution

Drinking water point at Main block

Drinking water point at Rear block

3.Construction of Tank and Bunds

The construction of tanks and bunds at NPR College of Engineering and technology will significantly contribute to water conservation, flood control, and soil erosion prevention. These structures can help the college reduce its dependency on external water sources, recharge local groundwater, and improve the campus environment. Additionally, such efforts will serve as an educational tool for students and staff, fostering a culture of sustainability and responsible water management.

Waste water collection point at near Girls hostel

Waste water collection point at near canteen

Waste water collection point at near canteen

Waste water collection point at near Boys Hostel

waste Water Utilization at Main block

Water utilization to Garden at Main block front

Metric No: 7.1.4 Water conservation facilities available in the Institution

4. Waste Water Recycling

Waste water recycling at NPR College college of Engineering and technology involves the process of treating and reusing water from various sources around the campus, such as sinks, showers, and toilets, to reduce overall water consumption and minimize environmental impact. The initiative focuses on creating a sustainable, closed-loop system that collects, treats, and reuses waste water for non-potable purposes like irrigation, landscaping, and flushing toilets. This approach helps conserve precious potable water, reduce water bills, and contribute to the campus's green initiatives

Waste water recycling point at near Girls hostel

Waste water collection points at Main block front side

Waste water collection points at Main block Back side

Waste water collection points at Main block Back side

Metric No: 7.1.4 Water conservation facilities available in the Institution

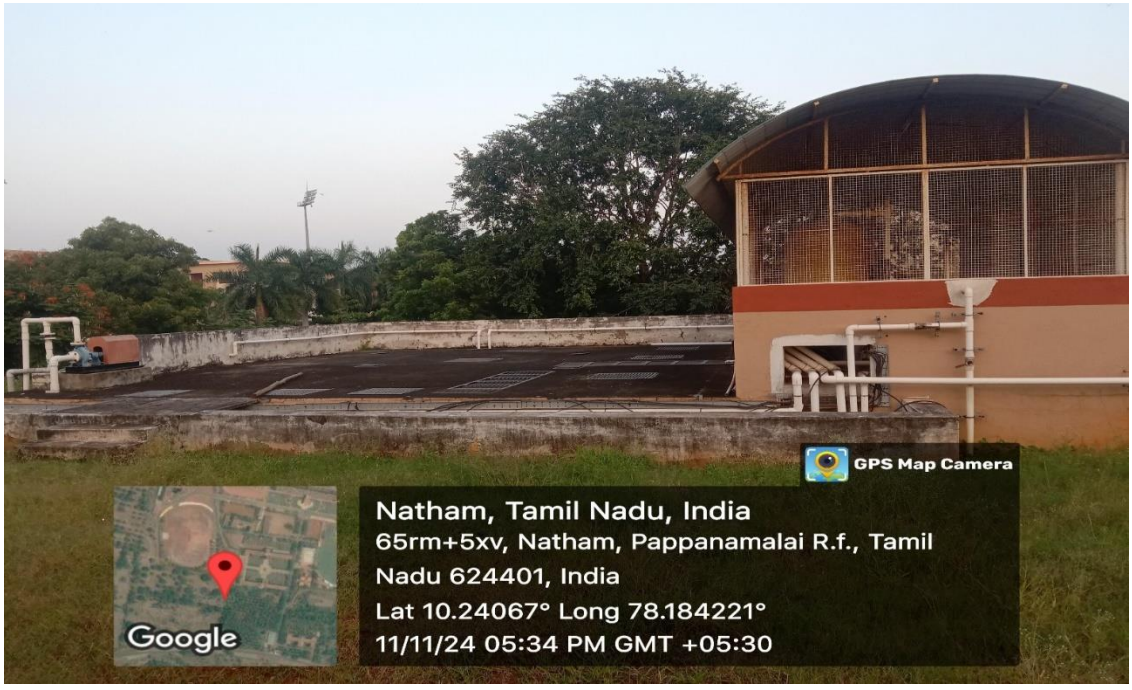
5. Maintenance of water bodies and Distribution system in the Campus

A comprehensive maintenance plan for both water bodies and the distribution system on campus ensures that NPR College can manage its water resources effectively, reduce waste, and promote sustainability. Regular monitoring, repair, and upgrades, combined with an emphasis on conservation, can help create a reliable, efficient water system that serves the college for years to come. By implementing best practices in water management, the college can reduce its environmental impact and contribute to global water conservation efforts.

Collection of Rain Water at Boys Hostel

Collection of Rain Water from various points at Canteen

Collection of Rain Water from various point at Main block Back side



Sewage Treatment plant at Boys Hostel front